Yusak Octavius Susilo

List of Publications by Year
in descending order

121 papers	4,252 citations	126708 33 h-index	133063 59 g-index
126 all docs	126 docs citations	126 times ranked	3327 citing authors

#	Article	IF	Citations
1	The promises of big data and small data for travel behavior (aka human mobility) analysis. Transportation Research Part C: Emerging Technologies, 2016, 68, 285-299.	3.9	383
2	The effect of policy incentives on electric vehicle adoption. Energy Policy, 2016, 94, 94-103.	4.2	337
3	Editorial JTH 16 â€“The Coronavirus Disease COVID-19 and implications for transport and health. Journal of Transport and Health, 2020, 16, 100853.	1.1	194
4	Total cost of ownership and its potential implications for battery electric vehicle diffusion. Research in Transportation Business and Management, 2016, 18, 11-17.	1.6	189
5	The influence of built environment to the trends in commuting journeys in the Netherlands. Transportation, 2007, 34, 589-609.	2.1	126
6	Travel satisfaction with public transport: Determinants, user classes, regional disparities and their evolution. Transportation Research, Part A: Policy and Practice, 2017, 95, 64-84.	2.0	114
7	The influence of weather characteristics variability on individualâ€™s travel mode choice in different seasons and regions in Sweden. Transport Policy, 2015, 41, 147-158.	3.4	100
8	Exploring key determinants of travel satisfaction for multi-modal trips by different traveler groups. Transportation Research, Part A: Policy and Practice, 2014, 67, 366-380.	2.0	85
9	Pedestriansâ€™ behaviour in cross walks: The effects of fear of falling and age. Accident Analysis and Prevention, 2012, 44, 30-34.	3.0	82
10	The prospects of fare-free public transport: evidence from Tallinn. Transportation, 2017, 44, 1083-1104.	2.1	79
11	Repetitions in individual daily activityâ€“travelâ€“location patterns: a study using the Herfindahlâ€“Hirschman Index. Transportation, 2014, 41, 995-1011.	2.1	72
12	Analysis of Day-to-Day Variability in an Individual's Action Space. Transportation Research Record, 2005, 1902, 124-133.	1.0	69
13	The influence of individualsâ€™ environmental attitudes and urban design features on their travel patterns in sustainable neighborhoods in the UK. Transportation Research, Part D: Transport and Environment, 2012, 17, 190-200.	3.2	67
14	Comparing Rail Passengersâ€™ Travel Time Use in Great Britain Between 2004 and 2010. Mobilities, 2013, 8, 560-579.	2.5	66
15	Transportation mode detection â€“ an in-depth review of applicability and reliability. Transport Reviews, 2017, 37, 442-464.	4.7	66
16	Assessing the impacts of collection-delivery points to individualâ€™s activity-travel patterns: A greener last mile alternative?. Transportation Research, Part E: Logistics and Transportation Review, 2019, 121, 84-99.	3.7	63
17	Comparison of Vehicle-Ownership Models. Transportation Research Record, 2008, 2076, 97-105.	1.0	62
18	Reasons underlying behaviour of motorcyclists disregarding traffic regulations in urban areas of Indonesia. Accident Analysis and Prevention, 2015, 75, 272-284.	3.0	60

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19	Analysis of Day-to-Day Variability in an Individual's Action Space: Exploration of 6-Week Mobidrive Travel Diary Data. , 0, .		51
20	Weather variability and travel behaviour â€“ what we know and what we do not know. Transport Reviews, 2017, 37, 715-741.	4.7	49
21	Electric vehicle users and their travel patterns in Greater Stockholm. Transportation Research, Part D: Transport and Environment, 2017, 52, 98-111.	3.2	47
22	Rail Passengersâ€™ Time Use and Utility Assessment. Transportation Research Record, 2012, 2323, 99-109.	1.0	46
23	When do you charge your electric vehicle? A stated adaptation approach. Energy Policy, 2017, 108, 565-573.	4.2	46
24	Individual, Travel, and Bus Stop Characteristics Influencing Travelersâ€™ Safety Perceptions. Transportation Research Record, 2018, 2672, 19-28.	1.0	46
25	A REFLECTION OF MOTORIZATION AND PUBLIC TRANSPORT IN JAKARTA METROPOLITAN AREA. IATSS Research, 2007, 31, 59-68.	1.8	43
26	How routine is a routine? An analysis of the day-to-day variability in prism vertex location. Transportation Research, Part A: Policy and Practice, 2006, 40, 259-279.	2.0	42
27	How Far is Too Far?. Transportation Research Record, 2009, 2134, 89-98.	1.0	42
28	Examining the impact of weather variability on non-commutersâ€™ daily activityâ€“travel patterns in different regions of Sweden. Journal of Transport Geography, 2014, 39, 36-48.	2.3	41
29	Walking to school in Scotland: Do perceptions of neighbourhood quality matter?. IATSS Research, 2015, 38, 125-129.	1.8	40
30	The trade-off behaviours between virtual and physical activities during the first wave of the COVID-19 pandemic period. European Transport Research Review, 2021, 13, .	2.3	39
31	Day-to-day variability in travellersâ€™ activity-travel patterns in the Jakarta metropolitan area. Transportation, 2016, 43, 601-621.	2.1	38
32	IS TRAVEL DEMAND INSATIABLE? A STUDY OF CHANGES IN STRUCTURAL RELATIONSHIPS UNDERLYING TRAVEL. Transportmetrica, 2005, 1, 23-45.	1.8	37
33	Public Transport Pricing Policy. Transportation Research Record, 2014, 2415, 89-96.	1.0	36
34	A long term analysis of the mechanisms underlying childrenâ€™s activity-travel engagements in the Osaka metropolitan area. Journal of Transport Geography, 2012, 20, 41-50.	2.3	35
35	Road-based public transportation in urban areas of Indonesia: What policies do users expect to improve the service quality?. Transport Policy, 2016, 49, 114-124.	3.4	35
36	On complexity and variability of individualsâ€™ discretionary activities. Transportation, 2018, 45, 177-204.	2.1	35

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37	Public attitudes towards motorcyclistsâ€™ safety: A qualitative study from the United Kingdom. Accident Analysis and Prevention, 2012, 49, 105-113.	3.0	34
38	Segmentation of paratransit users based on service quality and travel behaviour in Bandung, Indonesia. Transportation Planning and Technology, 2014, 37, 200-218.	0.9	34
39	Investigating the impacts of weather variability on individualâ€™s daily activityâ€“travel patterns: A comparison between commuters and non-commuters in Sweden. Transportation Research, Part A: Policy and Practice, 2015, 82, 47-64.	2.0	34
40	The changes of activity-travel participation across gender, life-cycle, and generations in Sweden over 30Âyears. Transportation, 2019, 46, 793-818.	2.1	34
41	How does travel satisfaction sum up? An exploratory analysis in decomposing the door-to-door experience for multimodal trips. Transportation, 2019, 46, 1615-1642.	2.1	34
42	Behavioural decisions of travel-time ratios for work, maintenance and leisure activities in the Netherlands. Transportation Planning and Technology, 2010, 33, 19-34.	0.9	33
43	Individual Carbon Dioxide Emissions and Potential for Reduction in the Netherlands and the United Kingdom. Transportation Research Record, 2009, 2139, 142-152.	1.0	32
44	Day-to-Day Interpersonal and Intrapersonal Variability of Individuals' Activity Spaces in a Developing Country. Environment and Planning B: Planning and Design, 2014, 41, 1063-1076.	1.7	32
45	The influence of parentsâ€™ travel patterns, perceptions and residential self-selectivity to their children travel mode shares. Transportation, 2016, 43, 357-378.	2.1	32
46	Smartphone based travel diary collection: experiences from a field trial in Stockholm. Transportation Research Procedia, 2017, 26, 32-38.	0.8	32
47	Evolution of Satisfaction with Public Transport and Its Determinants in Sweden. Transportation Research Record, 2015, 2538, 86-95.	1.0	31
48	Relationships among discretionary activity duration, its travel time spent and activity space indices in the Jakarta Metropolitan Area, Indonesia. Journal of Transport Geography, 2016, 54, 148-160.	2.3	31
49	Electric vehicle rental and electric vehicle adoption. Research in Transportation Economics, 2019, 73, 72-82.	2.2	31
50	Restrictions on mobility due to the coronavirus Covid19: Threats and opportunities for transport and health. Journal of Transport and Health, 2021, 20, 101042.	1.1	31
51	Analysing the complexity of day-to-day individual activity-travel patterns using a multidimensional sequence alignment model: A case study in the Bandung Metropolitan Area, Indonesia. Journal of Transport Geography, 2017, 64, 1-12.	2.3	30
52	Recurrence of Daily Travel Patterns. Transportation Research Record, 2007, 2021, 55-63.	1.0	29
53	The grey escape: investigating older people's use of the free bus pass. Transportation Planning and Technology, 2012, 35, 3-15.	0.9	29
54	Determinants of intention-to-use first-/last-mile automated bus service. Transportation Research, Part A: Policy and Practice, 2020, 139, 350-375.	2.0	29

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55	Structural changes in commutersâ€™ daily travel: The case of auto and transit commuters in the Osaka metropolitan area of Japan, 1980â€“2000. Transportation Research, Part A: Policy and Practice, 2008, 42, 95-115.	2.0	28
56	The impacts of household structure on the individual stochastic travel and outâ€ofâ€home activity time budgets. Journal of Advanced Transportation, 2014, 48, 454-470.	0.9	28
57	Measuring the impacts of weather variability on home-based trip chaining behaviour: a focus on spatial heterogeneity. Transportation, 2016, 43, 843-867.	2.1	28
58	MEILI: A travel diary collection, annotation and automation system. Computers, Environment and Urban Systems, 2018, 70, 24-34.	3.3	28
59	Transportation carbon dioxide emissions by built environment and family lifecycle: Case study of the Osaka metropolitan area. Transportation Research, Part D: Transport and Environment, 2014, 31, 176-188.	3.2	27
60	Measures of transport mode segmentation of trajectories. International Journal of Geographical Information Science, 2016, 30, 1763-1784.	2.2	25
61	Determinants of traveler satisfaction: Evidence for non-linear and asymmetric effects. Transportation Research Part F: Traffic Psychology and Behaviour, 2019, 66, 339-356.	1.8	25
62	Time use and spatial influence on transport-related social exclusion, and mental and social health. Travel Behaviour & Society, 2020, 21, 24-36.	2.4	24
63	Estimating changes in transport CO 2 emissions due to changes in weather and climate in Sweden. Transportation Research, Part D: Transport and Environment, 2016, 49, 172-187.	3.2	23
64	Comparison of pedestrian trip generation models. Journal of Advanced Transportation, 2013, 47, 399-412.	0.9	22
65	Rickshaw Use and Social Impacts in Dhaka, Bangladesh. Transportation Research Record, 2011, 2239, 74-83.	1.0	21
66	Mobility Collector. Journal of Location Based Services, 2014, 8, 229-255.	1.4	21
67	Collecting travel diaries: Current state of the art, best practices, and future research directions. Transportation Research Procedia, 2018, 32, 155-166.	0.8	20
68	How would you change your travel patterns if you used an electric vehicle? A stated adaptation approach. Travel Behaviour & Society, 2018, 13, 144-154.	2.4	20
69	Influence of Individual Perceptions on the Decision to Adopt Automated Bus Services. Sustainability, 2020, 12, 6484.	1.6	18
70	Investigating intra-household interactions between individuals' time and space constraints. Journal of Transport Geography, 2018, 73, 108-119.	2.3	17
71	Legitimising risk taking: articulating dangerous behaviour on the road. Transportation Planning and Technology, 2014, 37, 62-82.	0.9	16
72	When and why do people choose automated buses over conventional buses? Results of a context-dependent stated choice experiment. Sustainable Cities and Society, 2021, 69, 102842.	5.1	16

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73	Collecting a multi-dimensional three-weeks household time-use and activity diary in the Bandung Metropolitan Area, Indonesia. Transportation Research, Part A: Policy and Practice, 2015, 80, 231-246.	2.0	15
74	The effect of residential housing policy on car ownership and trip chaining behaviour in Hangzhou, China. Transportation Research, Part D: Transport and Environment, 2018, 62, 125-138.	3.2	15
75	Behavioural Causes and Categories of Traffic Violations by Motorcyclists in Indonesian Urban Roads. Journal of Transportation Safety and Security, 2015, 7, 174-197.	1.1	14
76	Traffic violations by young motorcyclists on Indonesian urban roads. Journal of Transportation Safety and Security, 2017, 9, 236-261.	1.1	13
77	Which factors affect willingness-to-pay for automated vehicle services? Evidence from public road deployment in Stockholm, Sweden. European Transport Research Review, 2020, 12, .	2.3	13
78	Observing dynamic behavioural responses due to the extension of a tram line by using panel survey. Transportation Research, Part A: Policy and Practice, 2016, 86, 78-95.	2.0	12
79	Deploying traditional and smartphone app survey methods in measuring door-to-door travel satisfaction in eight European cities. Transportation Research Procedia, 2017, 25, 2257-2275.	0.8	12
80	The Implication of Road Toll Discount for Mode Choice: Intercity Travel during the Chinese Spring Festival Holiday. Sustainability, 2018, 10, 2700.	1.6	12
81	Longitudinal interactions between experienced usersâ€™ service valuations and willingness-to-use a first-/last-mile automated bus service. Travel Behaviour & Society, 2021, 22, 252-261.	2.4	12
82	An exploration of shoppers travel mode choice in visiting convenience stores in the UK. Transportation Planning and Technology, 2013, 36, 669-684.	0.9	11
83	Jointly modelling individualâ€™s daily activity-travel time use and mode share by a nested multivariate Tobit model system. Transportmetrica A: Transport Science, 2017, 13, 491-518.	1.3	10
84	Does a Grande Latte Really Stir up Gridlock?. Transportation Research Record, 2006, 1985, 198-206.	1.0	9
85	Implementing a Behavioural Pilot Survey for the Stage-based Study of the whole Journey Traveller Experience. Transportation Research Procedia, 2015, 11, 172-184.	0.8	9
86	Comparative framework for activity-travel diary collection systems. , 2015, , .		9
87	Examining the relationships between individualâ€™s time use and activity participations with their health indicators. European Transport Research Review, 2017, 9, .	2.3	9
88	What is the role of weather, built-environment and accessibility geographical characteristics in influencing travelersâ€™ experience?. Transportation Research, Part A: Policy and Practice, 2019, 122, 34-50.	2.0	9
89	Is flat fare fair? Equity impact of fare scheme change. Transport Policy, 2020, 91, 48-58.	3.4	9
90	Detangling the impacts of age, residential locations and household lifecycle in car usage and ownership in the Osaka metropolitan area, Japan. Journal of Zhejiang University: Science A, 2014, 15, 517-528.	1.3	8

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91	Understanding seasonal variation in individualâ€™s activity participation and trip generation by using four consecutive two-week travel diary. Travel Behaviour & Society, 2018, 12, 52-63.	2.4	8
92	Measuring System-Level Impacts of Corporate Mobility as a Service (CMaaS) Based on Empirical Evidence. Sustainability, 2020, 12, 7051.	1.6	8
93	Word of mouth and behavioural intentions of the automated bus service. Cities, 2022, 126, 103668.	2.7	8
94	The Impacts of a COVID-19 Related Lockdown (and Reopening Phases) on Time Use and Mobility for Activities in Austriaâ€"Results from a Multi-Wave Combined Survey. Sustainability, 2022, 14, 7422.	1.6	8
95	Six lessons from first year COVID-19 restrictions: what can we do better in the future?. European Transport Research Review, 2021, 13, .	2.3	7
96	Investigating the interactions between travellers' familiar areas and their multi-day activity locations. Journal of Transport Geography, 2016, 53, 61-73.	2.3	6
97	Fair accessibility â€“ Operationalizing the distributional effects of policy interventions. Journal of Transport Geography, 2020, 89, 102890.	2.3	6
98	Do accessibility, vulnerability, opportunity, and travel characteristics have uniform impacts on the travelerâ€™s experience?. Transportation Research, Part A: Policy and Practice, 2018, 114, 38-51.	2.0	5
99	Does a Grande Latte Really Stir up Gridlock?: Stops in Commute Journeys and Incremental Travel. , 0, .		5
100	Jointly Modelling Individual's Daily Activity-travel Time Use and Mode Share by a Nested Multivariate Tobit Model System. Transportation Research Procedia, 2015, 9, 71-89.	0.8	4
101	Examining the effects of out-of-home and in-home constraints on leisure activity participation in different seasons of the year. Transportation, 2016, 43, 997-1021.	2.1	4
102	What construct oneâ€™s familiar area? A quantitative and longitudinal study. Environment and Planning B: Urban Analytics and City Science, 2019, 46, 322-340.	1.0	4
103	Residential Locations and Health Effects on Multitasking Behaviours and Day Experiences. Sustainability, 2021, 13, 11347.	1.6	4
104	Transport Workersâ€™ Perspective on Indigenous Transport and Climate Change Adaptation. Transportation Research Record, 2014, 2451, 1-9.	1.0	3
105	Weather perception and its impact on out-of-home leisure activity participation decisions. Transportmetrica B, 2020, 8, 219-236.	1.4	3
106	Measuring quality across the whole journey. , 2014, , 316-323.		3
107	User experiences and perceptions of women-only transport services in Mexico. , 2019, , 188-209.		3
108	Measuring Door-to-Door Journey Travel Satisfaction with a Mobile Phone App. Applying Quality of Life Research, 2018, , 119-138.	0.3	2

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109	A stated adaptation instrument for studying travel patterns after electric vehicle adoption. Transportation Research Procedia, 2018, 32, 464-473.	0.8	2
110	The Movingo integrated ticket: seamless connections across the mÃlardalen region of Sweden. Transportation Planning and Technology, 2020, 43, 404-423.	0.9	2
111	Measuring Mobility and Transport Services: The METPEX Project. Advances in Intelligent Systems and Computing, 2018, , 1036-1045.	0.5	2
112	The dynamic and long-term changes of automated bus service adoption. Transportation Research, Part A: Policy and Practice, 2022, 155, 450-463.	2.0	2
113	The Influence of Parentâ€™s Perceptions and Residential Self-Selection to the Childrenâ€™s Travel Modes at Single Parent Households. Transport and Sustainability, 2015, , 43-64.	0.2	1
114	The Trade-Off Behaviours between Virtual and Physical Activities during COVID-19 Pandemic Period. SSRN Electronic Journal, 0, , .	0.4	1
115	Seamless public transport ticket inspection: Exploring usersâ€™ reaction to next-generation ticket inspection. Journal of Public Transportation, 2022, 24, 100004.	0.3	1
116	Who has more say on your daily time use? A quantitative intra-household time-use altruism analysis. , 2020, , 455-477.		0
117	Women and Transport Modes. , 2021, , 656-664.		0
118	Built Environment Characteristics, Daily Travel, and Biometric Readings: Creation of an Experimental Tool Based on a Smartwatch Platform. Sustainability, 2021, 13, 9993.	1.6	0
119	Trip Chaining Analysis. , 2021, , 606-611.		0
120	Towards a better understanding of the health impacts of oneâ€™s movement in space and time. Journal of Location Based Services, 0, , 1-24.	1.4	0
121	Public transport users' willingness-to-pay for a multi-county and multi-operator integrated ticket: Valuation and policy implications. Research in Transportation Business and Management, 2022, 45, 100836.	1.6	0